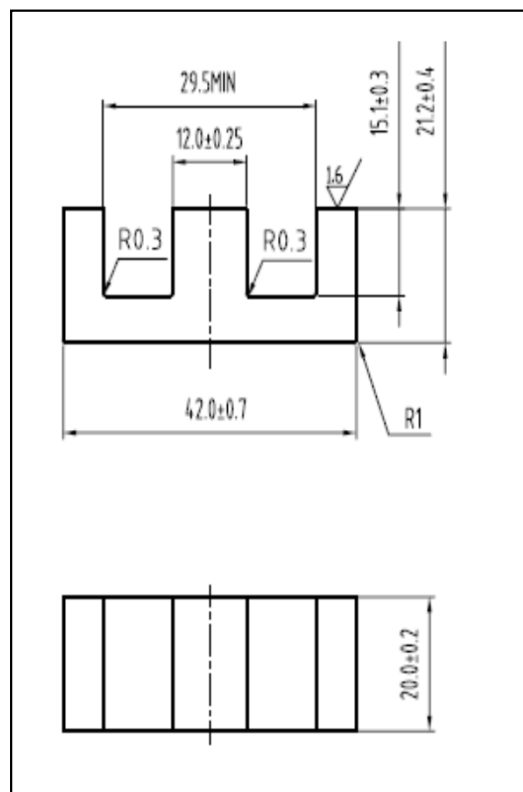


CORE SETS

Effective core parameters

| SYMBOL | PARAMETER | VALUE | UNIT |
|----------------|-----------------------|-----------------|------------------|
| $\Sigma (l/A)$ | core factor (C_1) | 0.42 | mm^{-1} |
| V_e | effective volume | 22601.0 | mm^3 |
| l_e | effective length | 97.0 | mm |
| A_e | effective area | 233.0 | mm^2 |
| A_{\min} | minimum area | 233.0 | mm^2 |
| W_t | mass of core set | ≈ 118.6 | g |



Characteristic

| GRADE | $AL (\text{nH}/\text{N}^2)$ | $B (\text{mT})$ | CORE LOSS (W) |
|-------|--------------------------------------|--|--|
| | $f=10\text{kHz}$ $U=0.25\text{V}$ | $H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$ | $f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$ |
| DMR40 | $5000 \pm 25\%$ | ≥ 320 | ≤ 14.23 |
| DMR44 | $5000 \pm 25\%$ | ≥ 320 | ≤ 13.05 |
| DMR47 | $5200 \pm 25\%$ | ≥ 340 | ≤ 11.27 |
| DMR95 | $7000 \pm 25\%$ | ≥ 340 | ≤ 12.50 |

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